

Focus Area 15: Injury and Violence Prevention

Objective 15-13 targets an overall reduction in the unintentional injury death rate to 17.1 per 100,000 population.

California's age-adjusted death rates for unintentional injury deaths increased significantly from 27.0 per 100,000 population in 2000 to 29.6 per 100,000 in 2004 (Figure 15-13, Table 15-13). California's unintentional injury death rates are significantly higher than the HP2010 objective of 17.1 per 100,000 population, and are moving away from the target.

Age-adjusted unintentional injury death rates for males (40.8 per 100,000 in 2004) were significantly higher than those for females (19.1 per 100,000 in 2004). Unintentional injury death rates have increased significantly away from the HP2010 target for both males and females.

Data by race and ethnicity show that the highest age-adjusted unintentional injury death rates were for Whites (35.5 per 100,000 in 2004), and that death rates for Whites were increasing significantly away from the HP2010 target since 2000. Unintentional injury death rates for African Americans/Blacks (34.2 per 100,000 in 2004), Pacific Islanders (27.0 per 100,000 in 2004), American Indians/Alaska Natives (25.4 per 100,000 in 2004), and Hispanics/Latinos (24.7 per 100,000 in 2004) were significantly higher than the HP2010 target, and the objective is not being achieved for any of these racial and ethnic groups as of 2004. The HP2010 objective is, however, being achieved for Asians (16.6 per 100,000 in 2004), and for the Multirace population (13.2 per 100,000 in 2004).

For more information on unintentional injury in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-13, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>
and
<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-13
Unintentional Injury Death Rates
California, 2000-2004

Healthy People 2010 Objective = 17.1

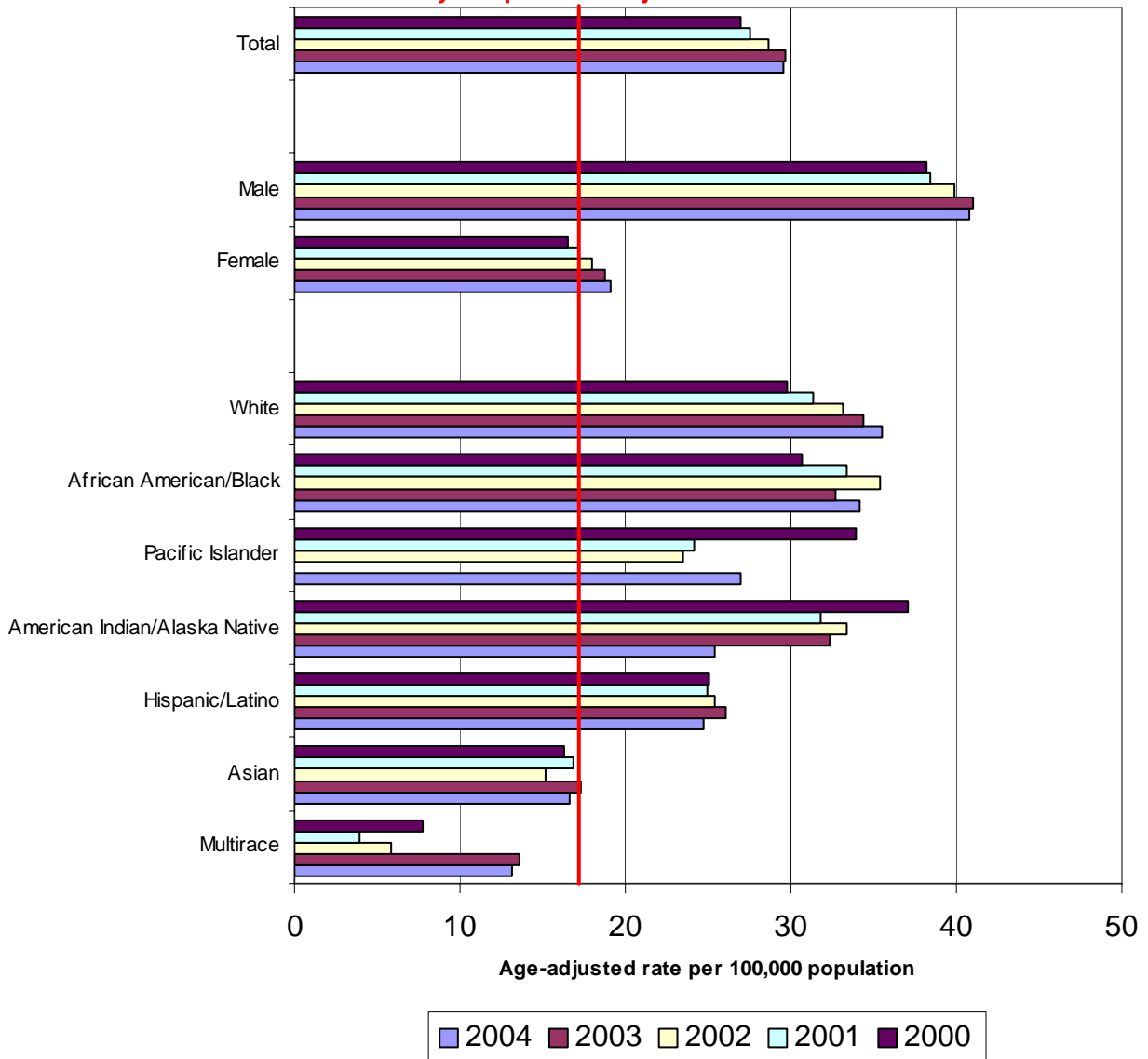


Table 15-13: Unintentional Injury Deaths and Death Rates, California 2000-2004

Objective 15-13	2000		Lower 95% C.I.	Upper 95% C.I.	2001		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		17.1				17.1		
Statewide Total	8,781	27.0	26.4	27.5	9,233	27.5	26.9	28.1
Race-Ethnicity								
African American/Black	636	30.7	28.3	33.1	714	33.4	30.9	35.9
American Indian/Alaska Native	71	37.1	28.2	46.0	64	31.8	23.7	40.0
Asian	536	16.3	14.9	17.8	588	16.8	15.4	18.2
Hispanic/Latino	2,220	25.0	23.7	26.2	2,295	24.9	23.7	26.1
Pacific Islander	28	33.9	19.2	48.6	26	24.2	14.6	33.9
White	5,244	29.8	29.0	30.6	5,509	31.3	30.4	32.1
Multirace	40	7.8	4.9	10.7	27	3.9	2.3	5.5
Gender								
Female	2,819	16.5	15.9	17.1	3,029	17.2	16.6	17.8
Male	5,962	38.2	37.2	39.2	6,204	38.4	37.4	39.4

Objective 15-13	2002		Lower 95% C.I.	Upper 95% C.I.	2003		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		17.1				17.1		
Statewide Total	9,864	28.7	28.1	29.2	10,454	29.7	29.1	30.3
Race-Ethnicity								
African American/Black	781	35.4	32.9	37.9	745	32.7	30.4	35.1
American Indian/Alaska Native	73	33.4	25.4	41.4	81	32.4	25.2	39.6
Asian	554	15.2	13.9	16.5	651	17.3	16.0	18.7
Hispanic/Latino	2,480	25.4	24.2	26.6	2,688	26.1	25.0	27.2
Pacific Islander	25	23.5	13.6	33.5	20	DSU	-----	-----
White	5,909	33.2	32.4	34.1	6,173	34.4	33.5	35.3
Multirace	38	5.8	3.8	7.8	82	13.6	10.4	16.8
Gender								
Female	3,244	18.0	17.4	18.6	3,464	18.8	18.2	19.4
Male	6,620	39.9	39.0	40.9	6,990	41.0	40.1	42.0

Objective 15-13	2004		Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
	N	Rate ¹				
Healthy People 2010 Target		17.1				
Statewide Total	10,598	29.6	29.1	30.2	Sig. +	No
Race-Ethnicity						
African American/Black	791	34.2	31.8	36.6	ns	No
American Indian/Alaska Native	72	25.4	19.5	31.4	ns	No
Asian	652	16.6	15.3	17.8	ns	Yes
Hispanic/Latino	2,617	24.7	23.6	25.7	ns	No
Pacific Islander	30	27.0	16.5	37.5	n/a	No
White	6,342	35.5	34.6	36.4	Sig. +	No
Multirace	80	13.2	10.1	16.4	ns	Yes
Gender						
Female	3,568	19.1	18.5	19.7	Sig. +	No
Male	7,030	40.8	39.8	41.7	Sig. +	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Unintentional injury deaths defined by ICD-10 codes V01-X59, Y85-Y86.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).